WHAT IS CLAIMED IS:

1. A computer readable recording medium storing a program for causing a computer to perform the steps of:

5 (a) causing a unit to be displayed on the basis of assembly data and parts data in response to a display request, the parts data including data about shapes of parts and version information about versions of the parts, the assembly data defining a structure of the unit formed

10 by one or more parts; and

(b) assigning the version information about parts that form the unit displayed to the assembly data.

2. The computer readable recording medium as

15 claimed in claim 1, wherein the step (b) assigns the version information to the assembly data when the assembly data and parts data of the unit displayed are stored in a storage unit.

20 3. The computer readable recording medium as claimed in claim 1, wherein:

the parts data includes those of different versions; and

the step (a) acquires parts data of a version that

25 is the same as that assigned to the assembly data in response to the display request and causing the unit based on the parts data thus acquired to be displayed.

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4.   The computer readable recording medium as claimed in claim 3, further comprising a step of causing the parts of the unit to be emphatically displayed on the basis of parts data of a version different from a latest version when the display request is directed to states of parts at registration of the parts data.

5.   The computer readable recording medium as claimed in claim 1, wherein part of the parts data is sub-assembly data that defines a sub-unit formed by one or more other parts.

6.   The computer readable recording medium as claimed in claim 5, further comprising the steps of:

causing the sub-unit defined in the sub-assembly data specified in the display request to be displayed; and

assigning version information about the parts that form the sub-unit displayed to the sub-assembly data specified in the display request.

7.   The computer readable recording medium as claimed in claim 5, further comprising a step of updating, in response to an at-registration information updating request, the version information about the assembly data and the sub-assembly data having a lower structure with respect to the assembly data to latest versions thereof.

8. The computer readable recording medium as claimed in claim 1, further comprising a step of assigning initialized version information to a copy of the assembly data when the copy of the assembly data is made.

9. The computer readable recording medium as claimed in claim 1, further comprising a step of diverting, when the assembly data used to form a first product is diverted to a second product, the version information about the assembly data of the first product to diverted assembly data of the second product.

10. A CAD data management apparatus managing CAD data, comprising:

data storage means for storing parts data including data about shapes of parts and version information about versions of the parts, the assembly data defining a structure of a unit including one or more parts;

display control means for acquiring, in response to a display request, the assembly data and the parts data of the parts that form a unit from the data storage means and causing the unit defined in the assembly data to be displayed; and

version information assigning means for assigning the assembly data the version information about parts that form the unit displayed by the display control means.

11.   A CAD data management method for managing CAD data, comprising the steps of:

(a) causing a unit to be displayed on the basis of
5   assembly data and parts data in response to a display request, the parts data including data about shapes of parts and version information about versions of the parts, the assembly data defining a structure of the unit formed by one or more parts; and

10   (b) assigning the version information about parts that form the unit displayed to the assembly data.